



#### CERTIFICATE OF MAILING 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:

August 11, 2004

Date

Shelley P.M. Fussey

**PATENT** 

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Smythe, Meutermans, Bourne and McGeary

Serial No.: 09/806,036

Filed: March 22, 2001

For: Synthesis of Cyclic Peptides

Group Art Unit: 1646

Examiner: Kam

Atty. Dkt. No.: 4050.001200

#### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record in the present case. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R. §§ 1.97(g),(h), this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Supplemental Information Disclosure Statement is being filed prior to the

receipt of a first Official Action reflecting an examination on the merits, and hence is timely filed

in accordance with 37 C.F.R. § 1.97(b). Therefore, no fees should be required. Even if an

Official Action had been issued in the last few days, no fees would be required in light of the

following information.

In accordance with 37 C.F.R. § 1.97(e)(1), Applicants hereby certify that each item of

information contained in this Supplemental Information Disclosure Statement was cited in a

communication from a foreign patent office in a counterpart foreign application not more than

three months prior to the filing of the present statement. This is evidenced by the date

(July 16, 2004) on the enclosed and listed Partial Supplementary European Search Report.

No fees are believed to be due in connection with the filing of this Supplemental

Information Disclosure Statement. However, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be

deemed necessary for any reason relating to these materials, the Examiner should contact the

undersigned representative to discuss deduction from Williams, Morgan & Amerson Deposit

Account No. 50-0786/4050.001200.

Respectfully submitted,

Williams, Morgan & Amerson, P.C.

Customer No. 23720

Shelley P.M. Fussey Reg. No. 39,458

Agent for Applicants

10333 Richmond, Suite 1100 Houston, Texas, 77042

(713) 934-4079

Date: August 11, 2004

2

Form PTO-1449 (modified)		Atty. Docket No.	Serial No.	
		4050.001200 09/806,036		
List of Patents and Publications for Appl		Applicant		
(C)		Smythe et al.		
1 6 200 NFORMATION DISCLOSURE ST	TATEMENT			
(Use several sheets if necessa		Filing Date:	Group:	
(Use several sheets if necessa	ry)	March 22, 2001	1646	
U.S. Patent Documents	Foreign	Patent Documents	Other Art	
See Page		See Page	See Page 1-2	

### **U.S. Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date .	Name	Class	Sub Class	Filing Date of App.
			Foreign Pate	nt Docume	nts		

### Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

# Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C9	Beusen et al., "Conformational Mimicry: Synthesis and Solution Conformation of a Cyclic Somatostatin Hexapeptide Containing a Tetrazole cis Amide Bond Surrogate," Biopolymers, 36(2):181-260, 1995.
	C10	Botti et al., "Cyclic Peptides from Linear Unprotected Peptide Precursors Through Thiazolidine Formation," J. Am. Chem. Soc., 118(42):10018-10024, 1996.
	C11	Cavelier-Frontin et al., "How to Perform Small Peptide Cyclizations," <i>Theochem</i> , 105:125-130, 1993.
	C12	Ehrlich et al., "Cyclization of All-L-Pentapeptides by Means of 1-Hydroxy-7-Azabenzotriazole-Derived Uronium and Phosphonium Reagents," J. Organic Chem., 61(25):8831-8838, 1996.
	C13	Elseviers et al., "Evidence for the Bioactive Conformation in a Cyclic Hexapeptide Analogue of Somatostatin Containing a cis Peptide Bond Mimic," Biochem. Biophys. Res. Comm., 154(2):515-521, 1988.
	C14	Ruckle <i>et al.</i> , "Pseudo-Prolines in Cyclic Peptides: Conformational Stabilisation of cyclo[Pro-Thr(ψ <sup>Mc, Mc</sup> pro)-Pro]," <i>Tetrahedron</i> , 55(37):11281-11288, 1999.
	C15	Shao et al., "A Novel Method to Synthesize Cyclic Peptides," Tetrahedron Ltrs., 39(23):3911-3914, 1998.

Examiner:	DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

Form PTO-1449 (modified)	Atty. Docket No. 4050.001200	Serial No. 09/806,036
List of Patents and Publications for	Applicant's Applicant Smythe et al.	
Information Disclosure St	TATEMENT	
(Use several sheets if necessar	Filing Date: March 22, 2001	Group: 1646
U.S. Patent Documents	Foreign Patent Documents	Other Art
See Page	See Page	See Page 1-2

# Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C16	Zhang et al., "Lactone and Lactam Library Synthesis by Silver Ion-Assisted Orthogonal Cyclization of Unprotected Peptides," J. Am. Chem. Soc., 121(14):3311-3320, 1999.
	C17	Zhang et al., "Synthesis and Application of Unprotected Cyclic Peptides as Building Blocks for Peptide Dendrimers," J. Am. Chem. Soc., 119(10):2363-2370, 1997.
	C18	Partial European Search Report for European Counterpart Application No. 99948610.3, mailed July 16, 2004.

Examiner:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.